

## ABSTRACT

A printhead assembly for an ink jet printer includes an elongate manifold that defines a plurality of ink passages and is dimensioned to span a print area. Printhead chips are  
5 mounted on the manifold also to span the print area. The printhead chips have a plurality of ink inlets. Each ink inlet is in fluid communication with a respective ink passage of the manifold. An elongate baffle unit is mounted on the manifold so that the manifold is interposed between the printhead chips and the baffle unit. An elongate housing is mounted on the baffle unit. The baffle unit and the housing define three ink storage chambers and  
10 three inlets in fluid communication with respective ink storage chambers. A data and power supply arrangement is connected to the printhead chips so that control signals can be transmitted to the printhead chips.